

Title (en)

Water blown, energy absorbing foams

Title (de)

Mit Wasser geschäumte, energieabsorbierende Polyurethanschaumstoffe

Title (fr)

Mousses de polyuréthane gonflées par l'eau, absorbant de l'énergie

Publication

**EP 0872501 A3 19990324 (EN)**

Application

**EP 98106292 A 19980407**

Priority

US 84269797 A 19970415

Abstract (en)

[origin: EP0872501A2] The present invention is directed to an isocyanate reactive mixture comprising from about 17 to about 85% by weight of one or more non-filled polyether polyols having a hydroxyl functionality of from 1.5 to 3 and molecular weights of from 1,500 to 8,000; from about 12 to about 80% by weight of one or more non-tertiary amine containing polyether polyols having a hydroxyl functionality of from 3 to 8 and a molecular weight of from 150 to 1,000; from about 0 to about 4% by weight of one or more primary or secondary diamines or amino alcohols and from 3 to about 12% by weight of water. The invention is also directed to a water-blown, energy absorbing foams made from the isocyanate reactive mixture.

IPC 1-7

**C08G 18/66**; **C08G 18/76**; **C08K 5/54**

IPC 8 full level

**C08G 18/16** (2006.01); **C08G 18/32** (2006.01); **C08G 18/40** (2006.01); **C08G 18/48** (2006.01); **C08G 18/50** (2006.01); **C08G 18/65** (2006.01); **C08G 18/66** (2006.01); **C08G 18/76** (2006.01); **C08J 9/06** (2006.01); **C08K 5/5419** (2006.01); **C08L 75/08** (2006.01); **C08L 75/12** (2006.01)

CPC (source: EP KR US)

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C-Set (source: EP US)

**C08K 5/5419** + **C08L 75/12**

Citation (search report)

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**EP 0872501 A2 19981021**; **EP 0872501 A3 19990324**; **EP 0872501 B1 20040707**; BR 9801043 A 20000111; CA 2234211 A1 19981015; CA 2234211 C 20080715; CZ 114098 A3 19981111; CZ 294798 B6 20050316; DE 69824912 D1 20040812; DE 69824912 T2 20050825; ES 2224304 T3 20050301; JP 4688985 B2 20110525; JP H10298262 A 19981110; KR 100530811 B1 20060228; KR 19980081382 A 19981125; US 5847014 A 19981208

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